

Application No.: NEW APPLICATION

Docket No.: HOK-0250

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Takahito Fukuda

Application No.: NEW APPLICATION

Confirmation No.: N/A

Filed: December 10, 2004

Art Unit: N/A

For: OPERATION GUIDING SYSTEM

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

- ☒ A copy of each listed document is being submitted to comply with the provisions of 37 CFR §§1.97 and 1.98.
- ☐ As provided in 37 CFR §1.98(d), copies of the documents are not being provided since they were previously cited by or submitted to the Patent Office in parent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_.
- ☒ A copy of each listed document, that was cited in the International Search Report or International Preliminary Examination Report attached hereto, should have been provided to the U.S. Patent and Trademark Office by the WIPO, and the provisions of 37 CFR §§1.97 and 1.98 should have been complied with.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference

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any document which is determined to be a *prima facie* prior art reference against the claims of the present application.



1. This Information Disclosure Statement is being filed within three months of the U.S. filing date or within three months from the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in compliance with 37 C.F.R. §1.97(b), OR is being filed concurrent with filing of the Continued Prosecution Application (CPA) or the Request for Continued Examination (RCE). No fee is required (37 C.F.R. §1.97(b)).



2. In the event any fees are due with this paper, the Commissioner is respectfully authorized to charge our Deposit Account No. 18-0013.

Dated: December 10, 2004

Respectfully submitted,

By 

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PTO/SB/08a/b (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	NEW APPLICATION
				Filing Date	December 10, 2004
				First Named Inventor	Takahito Fukuda
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	HOK-0250

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
	BA	JP-08-287228-A1	11-01-1996	Hitachi Ltd. & Hitachi Medical Corp.		
	BB	JP-09-022453-A1	01-21-1997	Ri Chintai		
	BC	EP-0899690-A2	03-03-1999	Mixed Reality Systems Laboratory Inc.		
	BD	JP-11-136706-A1	05-21-1999	MR System Kenkyusho: KK		
	BE	JP-2000-155855-A1	06-06-2000	Tobishima Corp.		
	BF	JP-2000-259233-A1	09-22-2000	Ishikawajima Harima Heavy Ind. Co., Ltd.		
	BG	JP-2002-059147-A1	02-26-2002	Ricoh Co., Ltd.		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA	International Search Report for PCT/JP03/07852 mailed on September 16, 2003.	
	CB	Y. BAN et al., "A Portable AR-based Inspection System for Industrial Use", In Virtual Reality Society of Japan annual conference collected papers, Vol. 1, October 1996, pages 17-18.	
	CC	K. KOBAYASHI et al., "Fukugo Genjitsukan ni yoru Nakaguri Senban Sagyo no Simulation (Simulation of Boring Operation with Lathe by Means of Mixed Reality)", The Virtual Reality Society of Japan Ronbunshi, 31 December 1999, Vol. 4, No. 4, pages 685-690.	
	CD	H. FUJIMOTO et al., "Virtual Factory no tameno IT Digital Tool Katsuyo no Jissai/Multimedia Shujutsu Shien System (Practical side of IT Digital tool application for Virtual Factory/Multimedia Operation Aid System)", Automation, 1 September 2001, Vol. 46, No. 9, pages 54-61.	
	CE	S. HIRASAKI et al., "Virtual Object Overlay onto Uncalibrated Camera Image Sequence with Tracing Natural Features", Technical Report of IEICE, The institute of electronics, information and communication engineers, Vol. 101, No. 652, February 2002, pages 55-62.	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	/Stephen Bray/	Date Considered	03/17/2009
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /SAB/